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(54) Title: **SYSTEM FOR DISPLAYING IMAGES WITH MULTIPLE ATTRIBUTES**

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(57) Abstract: A system (30) for displaying a subset of images from an image data set, in particular for medical applications such as MRI or CT scanning. The images are associated with three attributes with a respective range of values. The images on the display have values within a subrange of the respective range of values for two attributes and a value for the third attribute. The images are shown in a matrix. Each row of the matrix represents one value for the first attribute. Each column represents a value for the second attribute. All images on the display 34 have the same value for the third attribute. A user is enabled to scroll through the image data set by selecting other subranges for the first two attributes or by selecting another value for the third attribute of the images to display. The selecting of subranges is done by scrolling horizontal and vertical for the first and second attributes. The selecting of another value for a third attribute is done by scrolling substantially parallel to an imaginary z-axis.



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